

Mineral Industry Surveys

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GYPSUM IN MAY 2002

Producers mined 1,150,000 metric tons of gypsum in May 2002 (table 1). Output was 21% less than that of April 2002 and 8% more than that of May 2001. Synthetic gypsum production was 417,000 tons in May 2002 (table 1), which was 19% less than that of April 2002 and 6% less than that of May 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January through April 2002, of the 9.78-million-ton supply of gypsum in the United States, 1.80 million tons or 18% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 570,000 tons, slightly less than that of April 2002, and 10% less than that of May 2001.

Output of calcined gypsum was 1,700,000 tons, 28% less than that of April 2002, and 9% more than that of May 2001. Sales of board products were 2.6 billion square feet (243

million square meters), slightly less than that of April 2002, and slightly less than that of May 2001.

Import and export data for May 2002 were not available at the time of publication. Imports of crude gypsum in April 2002 were 749,000 tons, slightly more than that of March 2002, and 8% less than that of April 2001. Gypsum wallboard imports, principally from Canada, for April 2002 were 45,000 tons, equivalent to 54 million square feet (5.0 million square meters). These imports were slightly less than that of March 2002, and 41% more than those of April 2001. Wallboard exports to 22 countries and territories in April 2002 were 7,500 tons, equivalent to 9.0 million square feet (835,000 square meters). These exports were 14% more than those of March 2002, and 53% more than that of April 2001.

TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	May	April	January-May	January-May
Crude:				
Mined 3/	1,150,000	1,450,000	6,500,000	6,410,000
Imported 4/	NA	749,000	NA	3,540,000
Exported 4/	NA	19,900	NA	78,400
Synthetic gypsum 5/	417,000	518,000	2,220,000	2,060,000
Total supply	NA	2,690,000	NA	11,900,000
Calcined:				
Produced	1,700,000	2,350,000	9,170,000	6,240,000
Imported 6/	NA	1,010	NA	3,940
Exported 6/	NA	20,200	NA	61,400
Total supply	NA	2,330,000	NA	6,180,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	May	April	January -May	January-May
Uncalcined: 3/				
Portland cement	352,000	362,000	1,420,000	1,570,000
Agriculture and misc.	218,000	213,000	1,100,000	1,380,000
Total supply	570,000	575,000	2,520,000	2,940,000
Calcined:				
Board products 4/	2,180,000	2,240,000	10,800,000	9,930,000
Plaster	31,600	34,300	162,000	162,000
Total supply	2,210,000	2,280,000	11,000,000	10,100,000
Board products: (Thousand square feet) 5/				
Regular board	1,530,000	1,570,000	7,650,000	6,900,000
Type X board	813,000	848,000	4,020,000	3,790,000
Other	272,000	281,000	1,330,000	1,240,000
Total supply	2,620,000	2,690,000	13,000,000	11,900,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002			2001
	April	March	January- April	January- April
Canada	534,000	451,000	1,830,000	2,010,000
Germany	--	--	--	6
Japan	3	--	3	1
Korea, Republic of	144	--	198	--
Mexico	141,000	209,000	596,000	529,000
Spain	73,600	81,900	283,000	275,000
United Kingdom	12	--	53	177
Total	749,000	742,000	2,710,000	2,820,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
May	1,770	1,060	727	18
June	1,940	1,250	710	18
July	2,200	1,540	681	19
August	2,240	1,570	707	29
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	NA	1,150	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
May:											
Lath	--	15	--	--	--	--	--	8	8	--	30
Veneer base	24,800	2,460	6,930	687	10,100	28	128	291	1,550	2	46,900
Sheathing	1,200	4,080	3,730	5,470	9,920	2,110	11,100	5,910	8,560	921	53,000
Regular gypsum board	41,800	145,000	198,000	92,200	415,000	105,000	199,000	136,000	173,000	28,400	1,530,000
Type X gypsum board	27,500	88,500	119,000	61,600	142,000	28,300	84,400	95,700	161,000	5,480	813,000
Predecorated board	405	927	923	641	1,580	478	1,000	406	717	116	7,190
5/16 Mobile home board	--	1,590	10,800	--	17,700	17,700	11,900	1,780	1,470	38	62,900
Water/moisture resistant board	4,900	18,100	13,300	5,100	22,200	3,940	10,600	8,250	13,300	2,490	102,000
Total	101,000	261,000	353,000	166,000	618,000	158,000	318,000	248,000	359,000	37,400	2,620,000
January - May:											
Lath	2	30	--	--	4	--	--	8	115	--	159
Veneer base	110,000	15,000	39,800	4,690	48,700	187	551	2,150	8,090	64	229,000
Sheathing	5,830	17,700	17,500	25,900	47,100	9,690	50,800	29,600	38,800	3,800	247,000
Regular gypsum board	207,000	730,000	1,080,000	531,000	2,080,000	517,000	953,000	676,000	775,000	108,000	7,650,000
Type X gypsum board	127,000	420,000	609,000	329,000	703,000	143,000	434,000	477,000	757,000	18,500	4,020,000
Predecorated board	1,960	3,230	4,990	2,670	7,030	2,000	4,630	1,690	3,570	361	32,100
5/16 Mobile home board	--	8,530	43,200	27	96,900	95,600	59,600	7,770	5,800	150	318,000
Water/moisture resistant board	24,200	86,700	67,200	28,900	109,000	19,200	51,500	41,800	61,900	13,000	503,000
Total	475,000	1,280,000	1,860,000	922,000	3,090,000	787,000	1,550,000	1,240,000	1,650,000	144,000	13,000,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.